

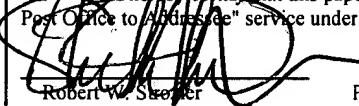


IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: Hardin, Susan, et. al.
SERIAL NO.: 09/901,782
FILED: 07/09/01

§ ART UNIT NO.: 1633
§ EXAMINER: SMITH, C.L.
§ DOCKET NO.: 00007/01UTL

TITLE: COMPOSITIONS FOR
REAL-TIME SEQUENCE
DETERMINATION

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|--|-------------------------------------|---------------------------------------|
| EV 405 878 706 US Express Mail Number | CERTIFICATE OF MAIL BY EXPRESS MAIL | October 22, 2004 Date of Deposit |
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| Commissioner for Patent MS AMENDMENT P.O. Box 1450, Alexandria, VA 22313-1450 | | October 22, 2004 Date of Signature |
|  | | Robert W. Stepper |

RESPONSE TO 8 JUNE 2004 FINAL OFFICE ACTION

Dear Examiner Smith:

This is a response to the 8 June 2004 Final Office Action.

SUMMARY OF FINAL OFFICE ACTION

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|--------------------------|---|
| Claim 7 | objection - "d" |
| Claims 20-24 and 45 | 112, 1¶ - New Matter - "two different sites" |
| Claim 19 | 112, 2¶ "mixtures or combinations thereof of the <i>Taq</i> polymerase" |
| Claims 18, 35-42 | 112, 2¶ "FRET" |
| Claim 1-5, 7-9 and 20-23 | 102(a&b) - Williams and Brandis |
| 6, 10-17 and 43 | allowed or allowable |